

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number	Application Number
Applicant	Martin J. GOLDBERG et al.
Filing Date	Group Art Unit



U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	12/08/87	4,711,955	Ward et al.			
	2.	11/21/89	4,882,269	Schneider et al.			
	3.	03/20/90	4,910,300	Urdea et al.			
	4.	06/23/92	5,124,246	Urdea et al.			
	5.	09/01/92	5,143,854	Pirrung et al.			
	6.	12/29/92	5,175,270	Nilsen et al.			
	7.	10/12/93	5,252,743	Barrett et al.			
	8.	05/10/94	5,310,523	Smethers et al.			
	9.	10/25/94	5,359,100	Urdea et al.			
	10.	01/24/95	5,384,261	Winkler et al.			
	11.	05/02/95	5,412,087	McGall et al.			
	12.	6/13/95	5,424,186	Fodor et al.			
	13.	09/19/95	5,451,683	Barrett et al.			
	14.	01/16/96	5,484,904	Nilsen et al.			
	15.	01/30/96	5,487,973	Nilsen et al.			
	16.	04/23/96	5,510,270	Fodor et al.			
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	18.	08/13/96	5,545,531	Rava et al.			
	19.	08/20/96	5,547,839	Dower et al.			
	20.	09/03/96	5,552,280	Urdea et al.			
	21.	10/01/96	5,561,043	Cantor et al.			
	22.	11/05/96	5,571,639	Hubbell et al.			
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DATE CONSIDERED:

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U.S. PATENT DOCUMENTS

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	30.	02/04/97	5,599,695	Pease et al.			
	31.	03/25/97	5,614,362	Urdea			
	32.	04/29/97	5,624,711	Sundberg et al.			
	33.	04/29/97	5,624,802	Urdea et al.			
	34.	05/13/97	5,629,153	Urdea			
	35.	05/20/97	5,631,734	Stern et al.			
	36.	08/12/97	5,656,731	Urdea			
	37.	10/14/97	5,677,195	Winkler et al.			
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	41.	04/07/98	5,736,316	Irvine et al.			
	42.	04/28/98	5,744,305	Fodor et al.			

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Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	43.	05/05/89	WO 89/03891	PCT			
	44.	02/20/94	WO 92/02526	PCT			
	45.	06/25/92	WO 92/10092	PCT			
	46.	05/27/93	WO 93/09668	PCT			
	47.	03/20/97	WO 97/10365	PCT			
	48.	08/14/97	WO 97/29212	PCT			
	49.	11/13/97	WO 97/42211	PCT			
	50.	11/13/97	WO 97/42213	PCT			
	51.	11/13/97	WO 97/42218	PCT			
	52.	12/11/97	WO 97/46703	PCT			

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Docket Number:	Application Number:
Applicant:	Martin J. GOLDBERG et al.
Filing Date:	Group Art Unit

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	53.	Bayer and Wilchek. "Labeling and detection of proteins and glycoproteins." <u>Nonradioactive Labeling and Detection of Biomolecules</u> . Kessler, C., Ed. New York: Springer-Verlag, 1992. pp. 91-100.
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	55.	Chee. (25 October 1996). "Accessing genetic information with high-density DNA arrays," <i>Science</i> . 274:610-614.
	56.	Cimino et al. (1985). "Psoralens as photoactive probes of nucleic acid structure and function: Organic chemistry, photochemistry, and biochemistry," <i>Ann Rev. Biochem.</i> 54:1151-1193.
	57.	Howard, G. "Labeling proteins with fluorochromes." <u>Methods in Nonradioactive Detection</u> . Howard, G., Ed. Norwalk, CT: Appleton and Lange, 1993. pp. 39-68.
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FORM PTO-1449 (modified)
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Atty. Dkt. No.	M#	Client Ref.
	0266874	3088.2

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Date: February 6, 2001

Page **4** of **4**

Applicant: GOLDBERG et al.

Continuation of Appln. No.: 09/276,774

Filing Date: March 25, 1999

Examiner: Group Art Unit:

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
AR	5,635,352	06/1997	Urdea et al.			
BR	5,804,384	09/1998	Muller et al.			
CR	5,512,436	04/1996	Stone			
DR	5,175,270	12/1992	Nilsen et al.			
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					Enclosed	No	Enclose	No
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JR	WO 90/04786	05/1990	WIPO					
KR	WO 93/24658	12/1993	WIPO					
LR	WO 95/20320	08/1995	WIPO					
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OR								
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OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

SR	Kerstens, H. et al., "A Novel In Situ Hybridization Signal Amplification Method Based on the Deposition of Biotinylated Tyramine," <i>J. Histochemistry and Cytochemistry</i> (1995) 43(4):347-352		
TR	European Search Report 99250336.7 dated February 3, 2000		
UR			
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AAR			

Examiner

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14.FEB.2000	
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Datum/Date

11.02.00

Zeichen/Ref./Réf. P 51736	Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°. 99250336.7-2116-
Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire Affymetrix, Inc.	

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

abstract

title

The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract:

1



REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 99 25 0336

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	US 5 487 973 A (NILSEN THOR W ET AL) 30 January 1996 (1996-01-30) * claims 1-9,19-21 *	5,15	C12Q/68 G01N33/58
A	WO 98 04745 A (SINAI SCHOOL MEDICINE) 5 February 1998 (1998-02-05) * figures 10,11,,5 *	1,2, 7-14, 23-35	
A	EP 0 154 884 A (MOLECULAR DIAGNOSTICS INC) 18 September 1985 (1985-09-18) * page 10, line 3 - line 8; figure 2 *	1,2, 7-14, 23-25	
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		-/-	
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		3 February 2000	Osborne, H
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			



European Patent
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EUROPEAN SEARCH REPORT

Application Number

EP 99 25 0336

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	WO 95 20320 A (UNIV BOSTON ;UNIV MASSACHUSETTS MEDICAL (US)) 3 August 1995 (1995-08-03) * claims 1-50 * -----	1-5,15	
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2	Place of search THE HAGUE	Date of completion of the search 3 February 2000	Examiner Osborne, H
CATEGORY OF CITED DOCUMENTS			
<p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons</p> <p>& : member of the same patent family, corresponding document</p>			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 99 25 0336

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

03-02-2000

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82